

Amendments to the Claims:

Please amend Claims 13, 14, and 17 through 21 to read, as follows.

Claims 1 through 12. **(Cancelled)**

13. **(Currently Amended)** A sheet punching device for cutting holes in a sheet while punches are entering die holes, said sheet punching device comprising:

a plurality of punch trains, each of which includes a plurality of said punches axially aligned on a rotating shaft and projecting in a radial direction of said shaft; an initial position detecting sensor means for detecting an initial position of each of said plurality of punch trains; and

a sheet end detecting sensor means for detecting an end of the sheet, wherein said plurality of punch trains are disposed with a phase difference in a rotation direction of said shaft relative to one another, and said die holes are disposed in correspondence with said plurality of punches, and

wherein one of said plurality of punch trains cuts holes in the sheet at a predetermined timing based on signals from said initial position detecting sensor means and said sheet end detecting sensor means.

14. **(Currently Amended)** A sheet punching device according to Claim 13, wherein said sheet end detecting sensor means detects a trailing end of the sheet.

15. **(Previously Presented)** A sheet punching device according to Claim 13, wherein one of said plurality of punch trains cuts holes in the vicinity of the trailing end of the sheet.

16. **(Previously Presented)** A sheet punching device according to Claim 14, wherein one of said plurality of punch trains cuts holes in the vicinity of the trailing end of the sheet.

17. **(Currently Amended)** A sheet punching device according to Claim 13, wherein numbers of said plurality of punches in [[of]] said plurality of punch trains are different from each other.

18. **(Currently Amended)** A sheet punching device for punching holes in a sheet, said sheet punching device comprising:

a first rotatable shaft;

a plurality of punch trains disposed on said first shaft,

wherein each of said plurality of punch trains includes a plurality of punches extending radially from said first shaft, and

wherein said plurality of punches are arranged in parallel with one another in an axial direction of said first shaft;

an initial position detecting sensor means for detecting an initial position of each of said plurality of punch trains;

a sheet end detecting sensor means for detecting an end of the sheet;

a second rotatable shaft; and
a plurality of dies disposed on said second shaft and positioned so that die holes formed in said plurality of dies correspond with said plurality of punches during an operation of said sheet punching device,

wherein one of said plurality of punch trains cuts holes in the sheet at a predetermined timing based on signals from said initial position detecting sensor means and said sheet end detecting sensor means:

19. **(Currently Amended)** A sheet punching device according to Claim 18, [[17,]] wherein said sheet end detecting means detects a trailing end of the sheet.

20. **(Currently Amended)** A sheet punching device according to Claim 18, [[17,]] wherein one of said plurality of punch trains cuts holes in the sheet in the vicinity of the trailing end of the sheet.

21. **(Currently Amended)** A sheet punching device according to Claim 19, [[18,]] wherein one of said plurality of punch trains cuts holes in the sheet in the vicinity of the trailing end of the sheet.

22. **(Currently Amended)** A sheet punching device according to Claim 18, [[17,]] wherein numbers of said plurality of punches of said plurality in [[of]] punch trains are different from each other.